

IN THE ABSTRACT:

Please amend the Abstract as follows:

Abstract

Abstract of the Disclosure

The invention relates to a method for use in an equalization of a channel by means of an equalizer 22, 23 is shown, wherein the channel uses a certain frequency band for a transfer of signals. In order to enable a channel equalization which requires a low complexity and which provides at the same time a good performance, it is proposed that the method comprises determining a channel response for at least one frequency point within the frequency band used by the channel. The method further comprises setting at least one adjustable coefficient φ_{0k} , b_{ck} , b_{rk} , a_{0k} , a_{1k} , a_{2k} of the equalizer such that an equalizer response compensates optimally the determined channel response at the at least one selected frequency point. The invention relates equally to Also shown is a corresponding signal processing device 2, to a corresponding signal processing system and to a corresponding software program product.

For publication: Figure 4